

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016179**Date Inspected:** 10-Aug-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao / Wang jie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#16

SMAW welding of weld joint 1G-032 located on PCMK LD3034-001 for Segment 13AW the welder is identified as 045204. ZPMC QC is identified as Mr. Xia chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-B-U2.

SMAW welding of weld joint 3G-016 located on PCMK LD3033-001 for Segment 13BW the welder is identified as 045204. ZPMC QC is identified as Mr. Xia chun hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-B-U2.

BAY#19

FCAW welding of weld joint 2G-031 located on PCMK SB016-074 for OBG SB74W the welder is identified as 062783. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint 1G-005 located on PCMK SB019-074 for OBG SB74E the welder is identified as 062761. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

FCAW welding of weld joint 2F-077 located on PCMK SB019-076 for OBG SB76E the welder is identified as 062806. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 1G-001 located on PCMK SB020-080 for OBG SB80E the welder is identified as 062794. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint 2F-032 located on PCMK SB020-082 for OBG SB82E the welder is identified as 062808. ZPMC QC is identified as Mr.Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

FCAW welding of weld joint 2G-011 located on PCMK SB019-078 for OBG SB78E the welder is identified as 062755. ZPMC QC is identified as Mr.Li ming yang. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Suspender bracket SB94E and Bike path. The weld designations reviewed as follows.
SB021-094-023,024,025,026,002,003,058,063,054,033,040,045. Green tag-12287.
BK004A2-004-001,003,006,009,011.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
----------------------	--------------	-----------------------------

Reviewed By:	McClendon,Timothy	QA Reviewer
---------------------	-------------------	-------------